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Dated: 7/19/04

Signature *Susan B. Jensen*
(Susan B. Jensen)

Docket No.: 54357-00004USPT
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Pamela Szabo, et al.

Application No.: 10/044611

Art Unit: 2124

Filed: July 2, 2002

Examiner: John Q. Chavis

For: INTEGRATION INTEGRITY MANAGER

DECLARATION OF INVENTORS UNDER 37 CFR 1.131

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

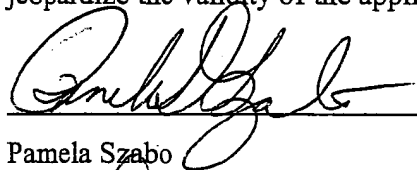
We, Pamela Szabo, Daquer Reveron, and Anjaneyullu Tamma hereby declare:

1. We are the inventors named on U.S. Patent Application No. 10/044611 ("the present application"), entitled Integration Integrity Manager, filed on January 11, 2002.
2. We conceived of the subject matter claimed in claims 1-45 of the present application before the filing date of U.S. Published Application No. 2003/0046681 ("Barturen et al."), as shown by the notes attached hereto in Appendix A, which are dated prior to the August 30, 2001, filing date of Barturen et al.
3. Specifically, the notes in Appendix A describe a method and system for ensuring the integration integrity of various and disparate applications across an enterprise by detecting changes in the applications and the data used by the applications, and notifying the people, processes, and systems that are affected by the changes.
4. We were continuously employed by Stone Bond Technologies, assignee of the present application, from before the August 30, 2001, filing date of Barturen et al. until after the January 11, 2002, filing date of the present application.

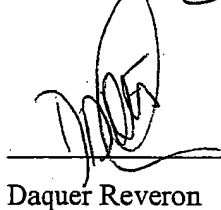
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5. From before August 30, 2001, we worked diligently with attorneys at the law firm of Jenkins & Gilchrist, P.C. to prepare the present application and to file same on January 11, 2002, thereby constructively reducing the invention to practice.

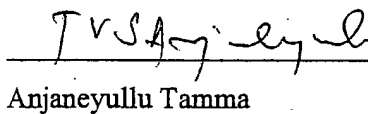
6. We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Pamela Szabo

7/13/2004
Date


Daquer Reveron

7/13/2004
Date


Anjaneyullu Tamma

07/13/2004
Date



Application No.: 10/044611

Docket No.: 54357-00003USPT

APPENDIX A

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Handwritten signature/initials

Network Analysis

OBJECTS INVOLVED

- TEMPLATES - S + D
 - MAPS
 - FILTERS
 - EQUATIONS
 - BUS RULES
 - SCHEDULES
 - SOURCES OF RECORD
- what does this mean?*

AND

EXTERNAL APPS (How? ...)

- WE HAVE Registered names for apps
- No known expected schema \Rightarrow could pull for same schema

Good enough ?? -
WE'VE GOT CONTROL
BY THIS TIME - CHANCE
HAS HAPPENED OUTSIDE
OF US,
"FIRE-FIGHTING MODES"

\hookrightarrow BETTER THAN
NOTHING

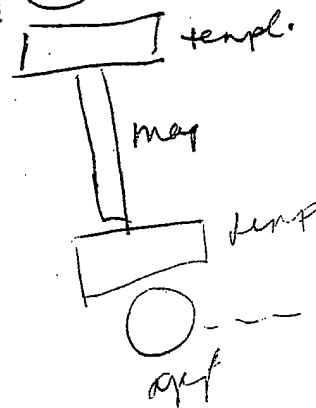
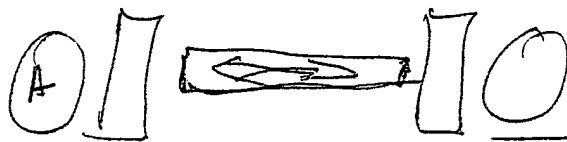
(Bus Value)

→ Picture IT dept with lots of people with interfaces...
 Could have disastrous implications "downstream."
 ⇒ Can't leave it to humans to ~~SOLVE THIS~~ FOLLOW THROUGH
 TO ANALYZE POTENTIAL IMPACT...

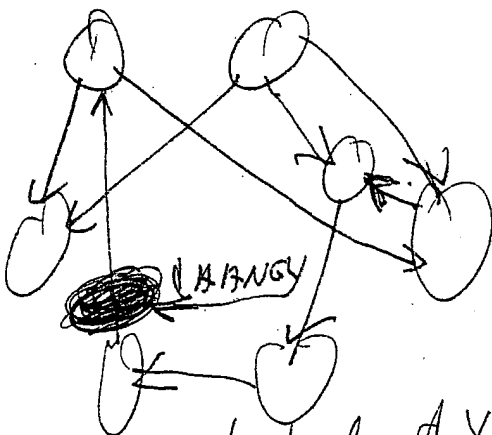
[GOOD CANDIDATE FOR BPR]

NO, MAYBE NOT, - NEED BETTER ACCESS
 TO INFO AND BETTER CONTROL POINTS.

Consider our view through



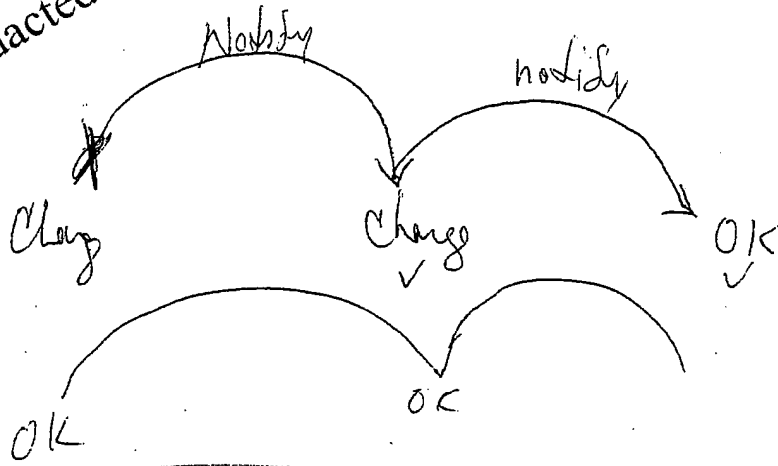
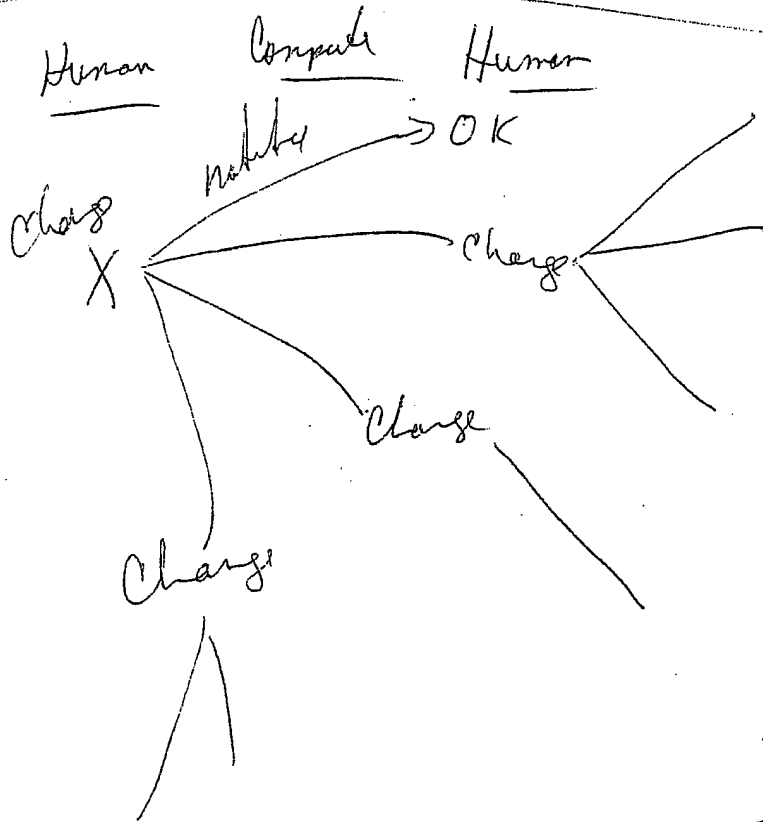
the bones
 connected to the
 shin bone, the
 ankle bone...



If you think about the
 full complex interconnectivity,
 one change could cause a
 horrible domino effect →
 845 items crash, or BAD DATA ⇒ BAD DECISIONS.

WITH OUR GUI, we have
visibility to changes

From [unclear] 11/8/11
w/ [unclear]
Redacted

looks Recursive

Needs to
be simplified
via Recursion
 \Rightarrow straight forward

- identity change
- check for visibility of impacted objects
- ~~flag these objects~~
(or notify owner)
- owner checks, and makes changes [recursive]
- or OK's with ^{with} [end point for roll back]

So if you change, say, a field name in a template, that could mess up ~~by~~ someone else if the template is being used somewhere else also. And the Map that is connected -

[maybe the map ~~for~~ not all maps connected] ^{not} would use that field. -

User view:

I built a template & a map that used that template, and it is in production, and it's pulling up the ~~and it's~~ data every day. I pull up the template & make the change (eg field name). It shouldn't let me save it unless everything is OK.

⇒ Need to traverse the network of connectivity to see if there's anything affected
NO - proceed

YES → → → Can we fix what's impacted
 we could ^{???} notify owner, at least.

First Thought of the New Year

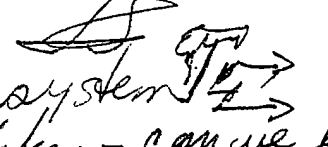
Consider the aspect that we have visibility through the GVL. Since everything is built + managed through a GVL, we have visibility to all data that is moved through the environment, who moves what through, when it moves, whether it successfully moves, whether it is correct data or not, who changes what, etc.

So we Need GREAT MONITORING CONSOLIDS....

WHAT BUSINESS VALUE DOES this bring?
A view of all data used more than once
? So?

People interactions with ~~every~~ aspect...
⇒ security / audit trails

~ So?
Successful data movement/errors along the way. In addition to data cleaning & correctness of the data - remember we are dealing with metadata. Everything else is ephemeral

People changing things in system 
⇒ People make mistakes - can we prevent
→ What about even knowing what a change will do to other things

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What about GUI for 11?

We can email them (part of user info
in security section)

Need to know what I own that
could be impacted.

How do I know if I have to
do anything?

What if I don't do anything?

[we need override for some
super administrator]

What info could we give?

- What changed
- Who owns it [their phone/email work]
- what ~~of~~ object be registered in user
of mine ~~is~~ list

is in question

Probably want some kind of dash board
that shows the whole network
and what ~~is~~ is involved.

What level of detail can we show?

Need to make sure we don't ~~just~~ ⁴ just
present anything that touches
in the network -

We know the metadata down to a pretty detailed level, so we could ACTUALLY give

- OBJECT (version #)
- TABLE, FIELD, ATTRIB
- WHAT IT WAS, WHAT IT CHANGED?

If we have a GUI representation, could see the whole network of connections + drill down to highlighted objects to see ownership + detail.

Let's try a couple of prototypes -
TAMMA / DAQUER -
when we can get to it.

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